XP-002306644

(C) WPI/Derwent

AN - 1991-197912 [27]
AP - JP19890260587 19891005; [Previous Publ. JP3123469] ; JP19890260587 19891005
CPY - TAIF
DC - B04 D13 D16
FS - CPI
IC - A23L1/00 ; A23L1/30 ; A23L1/33 ; A61K35/56 ; A61K37/64 ; A61K38/55
MC - B04-B02B1 B04-B04F B12-F05A D05-C03C
M1 - [01] M423 M720 M781 M903 N131 N421 N512 N513 P525 P616 Q233 V500 V540 V814
PA - (TAIF) TAIYO FISHERY CO LTD
PN - JP2956975B2 B2 19991004 DW199946 A23L1/33 005pp
- JP3123469 A 19910527 DW199127 006pp
PR - JP19890260587 19891005
XA - C1991-085758
XIC - A23L-001/00 ; A23L-001/30 ; A23L-001/33 ; A61K-035/56 ; A61K-037/64 ; A61K-038/55
AB - J03123469 The method involves fermenting Euphausia superba with lactic acid bacteria for 1-10 days keeping the pH in the range 5-6.
- Lactobacillus bilgaricus, L. acidophilus and Streptococcus thermophilus can be used. The fermentation is at 20-40 deg.C for 1-10 days, pref. 2-5 days.
- USE/ADVANTAGE - Angiotensin converting enzyme converts angiotensin I to angiotensin II which increases blood vessel constricting activity and thus increases blood pressure. The substance showing the inhibiting activity for ACE is present in E. superba, etc. By fermenting E. superba with lactic acid bacteria, not only its inhibiting activity for ACE can be intensified, but also obtained liquefied product is easily taken. It is desirable to pre-treat E. superba with protease for increasing intensifying inhibiting activity. (6pp Dwg.No.0/0)
IW - INTENSIFY ANGIOTENSIN CONVERT ENZYME INHIBIT ACTIVE EUPHAUSIA FERMENTATION LACTIC ACID BACTERIA
IKW - INTENSIFY ANGIOTENSIN CONVERT ENZYME INHIBIT ACTIVE EUPHAUSIA FERMENTATION LACTIC ACID BACTERIA
NC - 001
OPD - 1989-10-05
ORD - 1991-05-27
PAW - (TAIF) TAIYO FISHERY CO LTD
TI - Intensifying angiotensin converting enzyme-inhibiting activity - in euphausia superb by fermenting with lactic acid bacteria

Euph. sup.: Antarctic krill.